

Purchase Order Receipt Listing

Wednesday, May 25, 2016 10:30:04 AM

Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors PO ID PO32338 Receipt Dates from 5/24/2016 to 5/24/2016 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID/Vendor Name VC-MET002 Metaux Solutions											
PO32338	3		M4130NB0.500X03.0 f 00		5/20/2016	5/24/2016	42.0000	\$27.28	0.0000	0	\$1,145.60
CAD	No		4130 Bar 0.500 x 3.00 m134845	f	42.0000	PLOU01		\$1,145.60	0.0000	0	
	6		M4130NT0.500W.08 f 3	f	5/20/2016	5/24/2016	20.0000	\$12.95	0.0000	0	\$258.99
	No		4130 RD tube .500 x .083W m134845	f	20.0000	PLOU01		\$258.99	0.0000	0	
	7		M4130NT0.750W.04 f 9	f	5/20/2016	5/24/2016	40.0000	\$6.34	0.0000	0	\$253.41
	No		4130 RD Tube .750 x.049W m134845	f	40.0000	PLOU01		\$253.41	0.0000	0	
	8		71401-45 PROCUREMENT QUALITY CLAUSES m134845		5/20/2016	5/24/2016	1.0000	\$0.00	0.0000	0	\$0.00
	No				1.0000	PLOU01		\$0.00	0.0000	0	

Total Received Quantity: 103.0000
Total Qty to Inspect (PO U/M): 0.0000
Total Reject Quantity: 0.0000
Total Receipt Value: \$1,658.01
Total Balance Due Quantity: 0.0000

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7

Tel.: 450 641-3330

Customer: 6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Shipping Order

20/05/2016

Order : 115586
Reference : 32338
Bid : 18139
Ship : PICK UP / PICK UP

Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Deliver	B/O Qty
MP124130N	✓ 4130 NORM PLATE .500 THICK AMS 6345 40 X 3" X 14"	✓ 11.68	11.68	0
DT12083	✓ HT;248571 4130N TUBE .500" X .083" WALL DOM 1 x 17.5'	✓ 17.5	17.5	0
DT3404930	✓ HT;a153289 4130N TUBE .750 X .049 1 x 21.42' 1 x 20.92' HT;a160584	✓ 42.34	42.34	0

SHIP JOURNEY COLLECT
JP

8/6-05-28

Shipping : _____
Package No : _____

Ref. : _____

Merchandise Received: _____

NUCOR STEEL

4537 S. NUCOR ROAD; CRAWFORDSVILLE, IN 47933

REPORT OF TESTS

ATTN:	DATE: 1/20/15
FAX:	
SOLD TO:	CUSTOMER ORDER # 081414MC
SIZE: 0.500" by 36" steel sheet	PRODUCT: HRPO light oil FINE GRAIN AIRCRAFT QUALITY 4130 AMS 6345 Rev C ASTM-A 506 ASTM-A-635 AMS 2301 Rev J [successor to MIL-S-18729 COND N.] NORMALIZED OR OTHERWISE HEAT TREATED

AMS 6345

COIL #	HEAT #	YIELD	TENSILE	ELONG
1961550	248571-06	81.5 ksi	115 ksi	20%

TEST	RESULT
*Average austenite grain size	#8 Pass
Decarburization (P/F)	Pass
*Bend Test (P/F)	Pass
*Response to Heat Treatment (P/F)	45 HRC Pass
*AMS 2301 Quality Freq/Sev (P/F)	0/0 Pass

*These tests performed by outside lab, ISO 17025 certified.

HEAT #	C	Mn	P	S	Al	Si	N	Cr	Ni	Cu	Mo
248571	0.287	0.55	0.006	0.000	0.028	0.208	0.007	0.860	0.017	0.043	0.165

WE HEREBY CERTIFY THE ABOVE
IS CORRECT AS CONTAINED IN
THE RECORDS OF THE CORPORATION.

Melted and Manufactured in the USA


Cold Mill Metallurgist

QF-0200, 10/17/05



PLYMOUTH TUBE CO. USA
 212 Industrial Park Road, Eupora, Mississippi 39744
 Phone: (662) 258-2420 Fax: (662) 258-2075

PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS

138904 - 1 / 5

SHIP TO

WORK ORDER A38904

HEAT NUMBER A160584

MELT SOURCE Steel Dynamics - USA Melt/Mfg

R 873 + 3+



CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LADING NO	CERT ID / REV	CERT DATE
P702064-423	100182	5,331.5 ft	00085566	01	04/22/2016

PART DESCRIPTION H07500490J001
 OD: 0.7500" Max: 0.7550" Min: 0.7450"
 Wall: 0.0490" Max: 0.0540" Min: 0.0440"
 Length: 19.00' / 24.00' Lgth Tol: RANDOM CUT LENGTH
 Spec: MIL-T 6736B Seamless Aircraft
 Grade: 4130
 Finish: Cond N

CERTIFICATION REQUIREMENTS

FAR BAA (FAR 52.225-1 Buy America Act Supplies), DFARS 252.225-7001 By America Act & Bal. of Payments Program FAR TAA (FAR 52.225-5 Trade Agreements)(Paragraph 1,3,4,5) This material was Eddy Current tested and conforms to the requirements of ASTM A-450. The Grain size is determined and reported by the raw material supplier in accordance to ASTM E-112. This raw material was magnetic particle inspected by the raw material supplier in accordance to AMS 2640J and/or ASTM E-1444, and rated as Frequency, and Severity to AMS 2301, latest revision. Yield is determined by using the 0.2% offset method. Material certified to MIL-T 6736B, AMS-T 6736 B AND AMS 6360 M. EN10204:2004 Section 3.1 and/or Section 3.2 as applicable.

Chemical Analysis

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	Sn
.32	.55	.006	.006	.29	.17	.15	1.04	.24	.004	.001	.031	.008

Physical Properties

Freq.	Severity	Grain Size
.000	.000	8

Mechanical Properties

TEST	UNITS	#TESTS	HIGH	LOW	AVERAGE	STD-DEV
Tensile	Psi	6	108700	105000	106967	1356
Yield	Psi	6	97200	92700	95133	1502
Elongation	%	6	20	17	19	1
Rockwell B	Rb	6	98	97	97	0
Rockwell C	Rc					

TEST	RESULT
Decarb/OD	Pass
Total ID/OD decarb	Pass

This test report data is for the heat Chemistry Stated above.
 Drawn in the USA

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Eupora in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube. Product free from hazardous materials.

Gregory E. Young
 Quality Assurance



PLYMOUTH TUBE CO. USA®

212 Industrial Park Road, Eupora, Mississippi 39744
Phone: (662) 258-2420 Fax: (662) 258-2075

PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS

138904 - 1 / 5

SHIP TO

WORK ORDER A38904

HEAT NUMBER A160584

MELT SOURCE Steel Dynamics - USA Melt/Mfg



CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LADING NO	CERT ID / REV	CERT DATE
P702064-423	100182	5,331.5 ft	00085566	01	04/22/2016

PART DESCRIPTION H07500490J001

End of Certification

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Eupora in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube. Product free from hazardous materials.

Dean E. Younger
Quality Assurance

CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 01 of 02

Certification Date
19-MAY-2016

CUSTOMER ORDER NUMBER
NUMÉRO DE COMMANDE DU CLIENT

40149-J

Invoice Number
T353898

PART NUMBER/NUMÉRO DE PIÈCE

140811

SOLD TO: METAUX SOLUTIONS INC.	SHIP TO: METAUX SOLUTIONS (RIVE-SUD)
VENDU À: 2625 BOUL JACQUES CARTIER EST	EXPÉDIÉ À: 2625 BOUL JACQUES CARTIER EST
LONGUEUIL QC J4N 1L7	LONGUEUIL QC J4N 1

Description: 4130 CDS TUBING AMS T 6736 COND N;
.500 OD X .083 W (.334 ID) X 17/24' R/L Line Total: 16.7131 FT
HEAT: A153289 ITEM: 140811

Specifications:

AMS T 6736 B	MIL T 6736 A	AMS 6360 M
ASTM A450	ASTM E112	AMS 2640 J
ASTM E1444		

CHEMICAL ANALYSIS

C	MN	P	S	SI	AL	CR	MO
0.30	0.55	0.008	0.005	0.23	0.025	1.0600	0.24
NI	CU	V	TI	SN			
0.14	0.14	0.003	0.001	0.008			

RCPT: R818491

COUNTRY OF ORIGIN : USA

MECHANICAL PROPERTIES

DESCRIPTION	YLD STR	ULT TEN	%ELONG	%RED	HARDNESS
	PSI	PSI	IN 02 IN	IN AREA	RC
	112690.0	119960.0	20.0		26

GRAIN SIZE : 7 -

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES



MANAGER QUALITY ASSURANCE
GÉRANT DE L'ASSURANCE QUALITÉ

CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 02 of 02

Certification Date
19-MAY-2016

CUSTOMER ORDER NUMBER
NUMÉRO DE COMMANDE DU CLIENT

Invoice Number
T353898

40149-J
PART NUMBER/NUMÉRO DE PIÈCE
140811

SOLD TO: METAUX SOLUTIONS INC.
VENDU À:

SHIP TO:
EXPÉDIÉ À:

METAUX SOLUTIONS (RIVE-SUD)

2625 BOUL JACQUES CARTIER EST
LONGUEUIL QC J4N 1L7

2625 BOUL JACQUES CARTIER EST
LONGUEUIL QC J4N 1

Description: 4130 CDS TUBING AMS T 6736 COND N;
.500 OD X .083 W (.334 ID) X 17/24' R/L Line Total: 16.7131 FT
HEAT: A153289 ITEM: 140811

MATERIAL IS FREE FROM MERCURY CONTAMINATION
DECARB: OK
AMS NO :2301
SEVERITY :0.0
FREQUENCY:0.0

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

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Material did not come in contact with mercury while in our possession./Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES



MANAGER QUALITY ASSURANCE
GÉRANT DE L'ASSURANCE QUALITÉ

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M130WTO.750X0.49

PO / BATCH NO.: 32338/M134845

DATE: 16-05-22

MATERIAL CERT REC'D: YES

THICKNESS ORDERED: 1750 X 0.49

QUANTITY RECEIVED: 1X 21.42' 1X 20.92'

THICKNESS RECEIVED: 1750 X 0.49

QUANTITY INSPECTED: 1X 21.42' 1X 20.92'

SHEET SIZE ORDERED: Ø

QUANTITY REJECTED: Ø

SHEET SIZE RECEIVED: Ø

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	
PHOTO REQUIRED	Y	N	
CORRECT MATERIAL	Y	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>38</u> DATE: <u>MAY 27 2016</u>	SIGNED OFF BY: _____ DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4/BONTO.500X83
 DATE: 16-05-27

PO / BATCH NO.: 32338 / M134845

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 17.5'
 QUANTITY INSPECTED: 17.5'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1500x6.83
 THICKNESS RECEIVED: 1500x6.83
 SHEET SIZE ORDERED: 0
 SHEET SIZE RECEIVED: 0

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	N	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	
PHOTO REQUIRED	Y	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 38</u> DATE: <u>MAY 27 2016</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4130NB0.500X03.0

PO / BATCH NO.: 32338/11134845

DATE: 16-05-27

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 40 Y3 X14
 QUANTITY INSPECTED: 40 Y3 X14
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .500
 THICKNESS RECEIVED: .500
 SHEET SIZE ORDERED: 0
 SHEET SIZE RECEIVED: 0

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>38</u> DATE: <u>MAY 27 2016</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO32338**

Purchase Order Date 5/11/2016 10:05:44 AM

PO Print Date 5/11/2016

Page Number 1 of 2

Order From :

VC-MET002

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

MAY 11 2016

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
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3	M4130NB0.500X03.000	4130 Bar 0.500 x 3.00	5/20/2016 Yes 5/20/2016		42.00 f	\$34.23	\$1,437.57
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MATERIAL: AISI 4130N STEEL BAR PER MIL-S-6758 OR AMS 6345/6348/6370/6528

40 PCS CUT TO SIZE 14"

Line Total: \$1,437.57

6	M4130NT0.500W.083	4130 RD tube .500 x .083W	5/20/2016 Yes 5/20/2016		20.00 f	\$16.25	\$325.00
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MATERIAL: AISI 4130N SEAMLESS STEEL TUBING
AS PER MIL-T-6736 OR AMS 6371/6360/6361
6362/6373/6374

Sp/6-05-25

Line Total: \$325.00

Note:

5/11/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO32338

Purchase Order Date 5/11/2016 10:05:44 AM
PO Print Date 5/11/2016

Page Number 2 of 2

Order From :
METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

VC-MET002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

7	M4130NT0.750W.049	4130 RD Tube .750 x.049W	5/20/2016	40.00	✓	\$7.95	\$318.00
			Yes	f			
			5/20/2016				

MATERIAL: AISI 4130N SEAMLESS STEEL TUBING
AS PER MIL-T-6736 OR AMS 6371/6360/6361
6362/6373/6374

Line Total: \$318.00

8	71401-45	PROCUREMENT QUALITY CLAUSES	5/20/2016	1.00	✓	\$0.00	\$0.00
			No				
			5/20/2016				

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

Line Total: \$0.00

PO Total: \$2,080.57

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 5/11/2016